

**GENERAL  ELECTRIC**  
**COMPANY**

**ELECTRONICS LABORATORY**

ELECTRONICS PARK, SYRACUSE, NEW YORK

TELEPHONE GRANITE 6-4411

March 6, 1959

Dr. Adrian Kantrowitz  
Director of Cardiovascular Surgery  
Maimonides Hospital of Brooklyn  
4802 Tenth Avenue  
Brooklyn 19, New York

Dear Adrian:

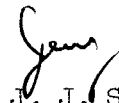
Received your letter of the 3rd together with the reprint  
of Dr. Lille's article.

We have had some delay in our circuit work here primarily  
because we were trying to design a network which could operate from a  
one and a half volt battery. We were able to obtain all of the required  
delay and waveform properties except that the output signal was at much too  
low a level in reference to the energies which Dr. Lille reports are necessary.

Consequently, we have decided not to try for a low power-level  
circuit at this time, but rather to give you something with considerable  
flexibility so that you can determine from your experiments the proper wave-  
form characteristics. Hence, we are re-designing the circuit to work from  
a six volt battery and hope that we will be able to "breadboard" the newly  
designed circuit at the beginning of next week. If the breadboard tests out  
successfully, we'll package it in as small a package as possible and send it  
to you immediately for evaluation in your laboratory.

I'm happy to hear that your electrode supply problem has been  
solved. Regards from all.

Sincerely,



J. J. Suran  
Manager - Advanced Circuits  
Electronics Laboratory

JJS:ad

cc: H. W. Abbott  
W. F. Chow  
D. A. Paynter  
H. N. Putschi  
J. A. Raper